

ABSTRACT

Relating to oil feed to a piston portion in
a dual support bearing of a hermetic compressor,
5 and a structure for improving efficiency and
reliability and accomplishing reduction of noise
is disclosed. In this structure, since an
auxiliary bearing 119 is provided with an oil feed
passage 129 for conducting lubricating oil 108
10 discharged from an upper end of an oil feed
mechanism 114, to a sliding surface of a piston
120, the lubricating oil 108 is fed to the piston
120 and a piston pin 122 from the oil feed passage
129 to make the sealing performance excellent, so
15 that the amount of leakage of refrigerant gas from
a compression chamber 117 is reduced to improve
the freezing capability or efficiency. Further,
lubrication of sliding portions of the piston 120
and the piston pin 122 becomes excellent so that
20 noise caused by sliding is reduced and the
reliability is improved.